

ABSTRACT OF THE DISCLOSURE

The invention converts an air mover into an inexpensive, lightweight, portable high efficiency particulate air (HEPA) filtration system. The air filtration system is preferably used either for light-duty or heavy-duty air filtration. Light-duty operation involves strapping a HEPA filtration bag over the exhaust vent of the air mover. Heavy-duty operation involves attachment of a HEPA filter encased in a hard metal or plastic shell to the exhaust vent of the air mover by a flexible sleeve. A conversion kit for converting an air mover to a HEPA filtration system and a method of converting an air mover to a HEPA filtration system are also disclosed.